



Science and technology

1

Complete the sentences with the adjective form of the words in brackets and a suffix from the box.

-able -al -ed -ful -ible -ic -ing -ous

- The experiments we did in the laboratory last week were all very (succeed)
- Finding a cure for the disease turned out to be much more than the scientists expected. (challenge)
- Important research is carried out in the laboratories of the university. (science)
- If you are doing things in the right way, the results of the experiment with those chemicals should be (predict)
- To be a good scientist, you need to have a mind. (logic)
- The scientific team needed to present their results in a way that was to the non-expert. (access)
- I'm not that this latest invention will make people's lives better. (convince)
- Some things can appear to be quite until scientists explain them to us. (mystery)

2

Complete the table with the correct forms of the word.

Verb	Noun	Adjective
(1)	strength	strong
prove	(2)	proven
impress	impression	(3)
save	(4)	safe
.....	effect	(5)
produce	product	(6)
.....	(7)	accurate
(8)	success	successful

 **Exam task**

3

For questions 1–8, read the text below. Use the word given in capitals at the end of some of the lines to form a word that fits in the gap in the same line. There is an example at the beginning (0).

Example: (0) *EXISTENCE*

An interesting new planet

Until recently, the (0) of planets outside our own solar system was difficult to prove. Now, thanks to increasingly (1) equipment, hundreds have been discovered orbiting distant stars. Recent (2) of the nearest star to Earth, Proxima Centauri, have led to a (3) discovery: a rocky planet similar in size to the Earth which may have liquid water on its surface.

**EXIST
SENSE
INVESTIGATE
SIGNIFY**

Although the new planet is (4) closer to Proxima Centauri than the Earth is to the Sun, there is still a (5) of life there. This is because the star is much smaller and cooler than our sun, so conditions on the planet may be (6) enough to support life. Temperatures on the planet will be (7) on whether there is an atmosphere surrounding it.

**CONSIDER
POSSIBLE
COMFORT
DEPEND**

Travelling to Proxima Centauri and exploring its planet is totally (8) at the moment. Despite it being one of the nearest stars to the sun, it would take thousands of years to get there using current technology.

REAL